

**BY ORDER OF THE COMMANDER
AIR EDUCATION AND TRAINING
COMMAND**



AIR FORCE INSTRUCTION 21-112

**AIR EDUCATION AND TRAINING COMMAND
Supplement 1**

25 JUNE 2002

Maintenance

AIRCREW EGRESS SYSTEMS MAINTENANCE

The basic publication has changed; however, the only revisions required in this supplement were made in the date, lead-in, and supersession lines, and to the certifying and approving officials.

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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AFI 21-112, 7 September 2001, is supplemented as follows:

This supplement does not apply to AETC-gained Air Force Reserve Command units or Air National Guard units. Report any discrepancies other than paragraph realignment via AETC Form 1236, **Request for Improving/Changing AETC Maintenance Instructions**, a message, or a memorandum to HQ AETC/LGMTS.

Maintain and dispose of records created as a result of processes prescribed in this publication in accordance with AFMAN 37-139, *Records Disposition Schedule* (will become AFMAN 33-322, Volume 4).

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

1.1. Egress personnel are responsible for egress systems canopy maintenance on the T-6 aircraft.

1.2.1. (Added) Egress augmentees may be utilized as part of an egress maintenance team to perform on-equipment maintenance, such as ejection seat and canopy removals or installations and egress final inspections. At least 50 percent of the egress maintenance team must be composed of a certified egress journeyman. Augmentees are not to be utilized to perform egress off-equipment maintenance actions. **NOTE:** Ejection seats undergoing periodic maintenance are exempt from the demand-response concept once explosive components have been removed.

1.3. Only egress personnel will remove and install parachutes and survival kits on the T-6 aircraft.

3.1. (Added) Egress systems maintenance, to include egress final inspections, will not be performed while the aircraft is on jacks, except when explicitly called for in technical data.

5.1. Authority to determine whether an egress-certified individual (AFSC 2A653, SSgt or higher) is required to attend the specific organizational maintenance (O/M) course is delegated from the MAJCOM to the appointed egress section chief, provided the provisions of the basic AFI and this paragraph are met and the appointed egress section chief is a certified 2A673.

5.2. Certification pass/fail criteria is delegated from the MAJCOM to the appointed egress section chief, provided the appointed egress section chief is certified as a 2A673 and has met all provisions of the basic AFI.

6.1. At T-6, T-37, and T-38 civil service and contract organizations, HQ AETC/LGMM and LGMTS must approve the egress technician course.

10.2. Quality assurance evaluators at contract locations may conduct egress familiarization training provided they have met the requirements of paragraphs 6 and 7 of the basic AFI.

12.1. Egress section personnel must ensure acceptance inspection requirements, according to TO 00-20-1, *Aerospace Equipment Maintenance General Policies and Procedures*, are completed on newly assigned aircraft or aircraft returning from depot.

12.4. If egress final inspections are not performed in conjunction with aircrew life support 30-day inspections, egress supervisors will establish procedures with plans and scheduling to ensure no aircraft goes overdue on an inspection.

12.5. Cannibalization actions on egress system components, cartridge-actuated devices, and propellant-actuated devices are considered "high risk" and should not be performed unless priority aircraft are involved or a lack of ready equipment will impede mission accomplishment.

14. For T-6 aircraft, the egress system will be made safe for department training and aircrew extraction training by using ty-straps to lock the ejection handle safety pin to the ejection handle.

18. (Added) Forms Adopted. AETC Form 1236.

NOTE: The following are added to Attachment 1:

References (Added)

AFMAN 37-139, *Records Disposition Schedule* (will become AFMAN 33-322, Volume 4)

TO 00-20-1, *Aerospace Equipment Maintenance General Policies and Procedures*

JOHN C. CULPEPPER, Colonel, USAF
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